

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079415.D
 Acq On : 26 Jul 2024 18:37
 Operator : RP/MD
 Sample : P3362-03
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 03:36:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 12:23:49 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

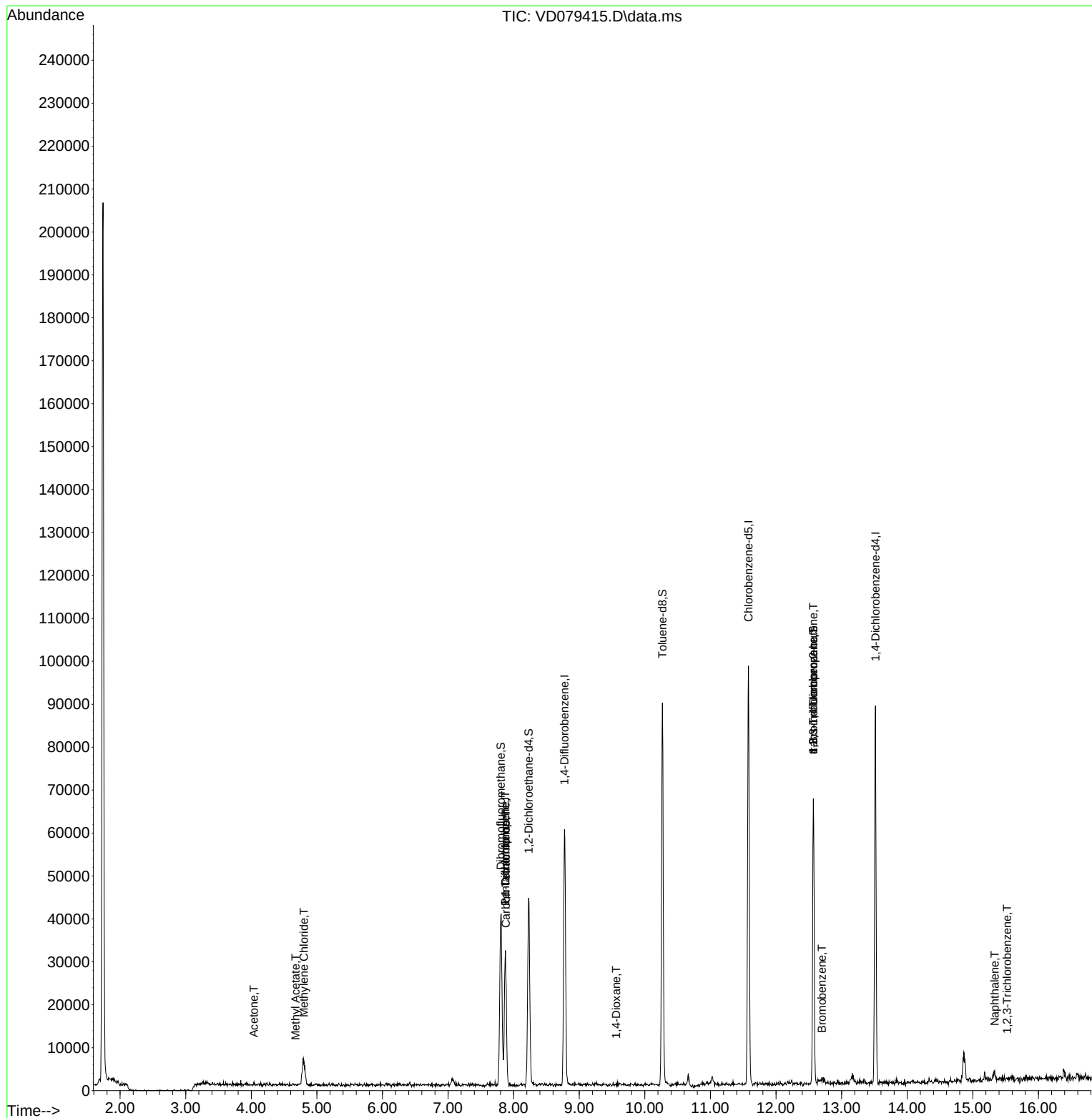
Internal Standards						
1) Pentafluorobenzene	7.875	168	22522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	53827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	59660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	22953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	34186	163.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	326.600%#
35) Dibromofluoromethane	7.804	113	29766	92.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	184.300%#
50) Toluene-d8	10.269	98	64997	50.683	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.569	95	22792	56.705	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.400%
Target Compounds						
					Qvalue	
16) Acetone	4.040	43	167	14.867	ug/l	# 37
18) Methyl Acetate	4.675	43	63	1.118	ug/l	# 40
20) Methylene Chloride	4.804	84	5440	7.805	ug/l	# 82
31) Cyclohexane	7.881	56	483	Below Cal	#	28
36) 1,1-Dichloropropene	7.875	75	2229	3.725	ug/l	# 39
38) Carbon Tetrachloride	7.881	117	2429	2.501	ug/l	# 13
49) 1,4-Dioxane	9.563	88	56	28.846	ug/l	# 33
51) 4-Methyl-2-Pentanone	10.263	43	58	Below Cal	#	1
57) 1,3-Dichloropropane	11.069	76	59	Below Cal	#	42
76) 1,2,3-Trichloropropane	12.569	75	11697	52.350	ug/l	# 100
77) Bromobenzene	12.698	156	896	1.989	ug/l	# 1
78) n-propylbenzene	12.763	91	104	Below Cal	#	51
79) 2-Chlorotoluene	12.845	91	60	Below Cal	#	37
81) trans-1,4-Dichloro-2-b...	12.569	75	11697	109.620	ug/l	# 19
82) 4-Chlorotoluene	12.945	91	285	Below Cal	#	37
87) 1,3-Dichlorobenzene	13.463	146	56	Below Cal	#	7
88) 1,4-Dichlorobenzene	13.539	146	69	Below Cal	#	1
95) Naphthalene	15.333	128	2476	5.602	ug/l	# 64
96) 1,2,3-Trichlorobenzene	15.522	180	74	1.188	ug/l	# 82

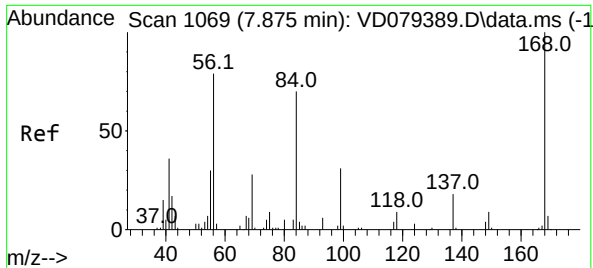
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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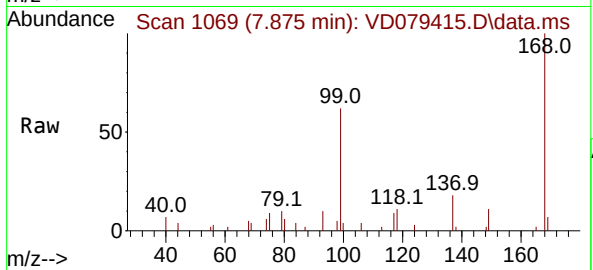
Quant Time: Jul 27 03:36:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 26 12:23:49 2024
Response via : Initial Calibration



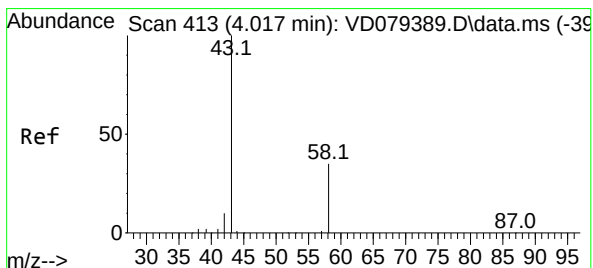
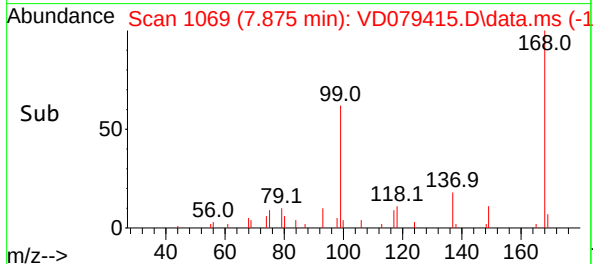
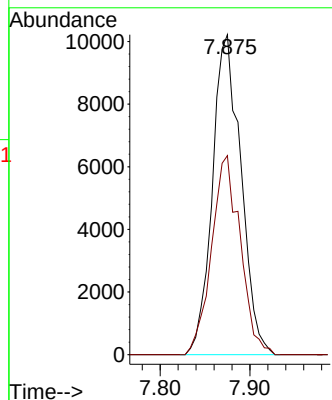


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

Instrument :
MSVOA_D
ClientSampleId :

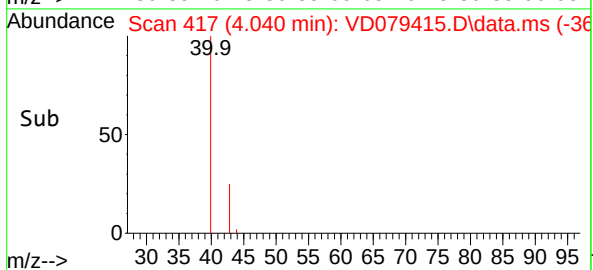
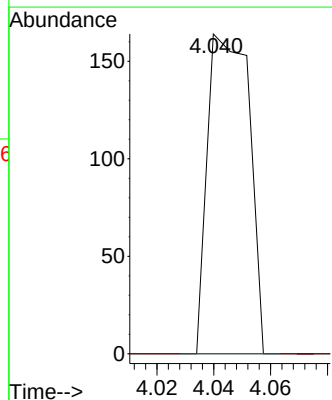
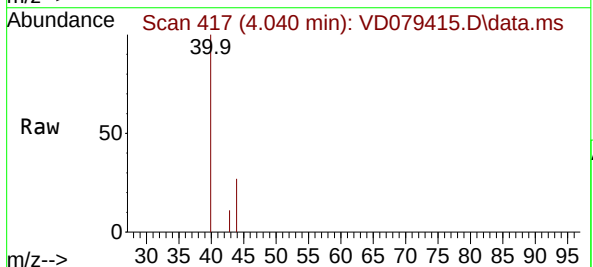


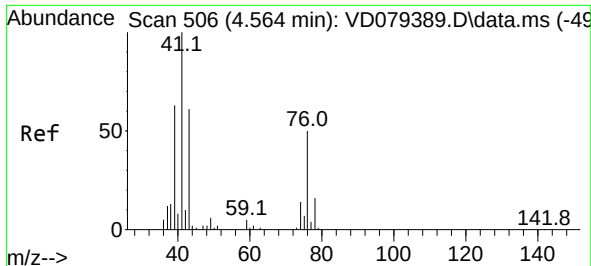
Tgt Ion:168 Resp: 22522
Ion Ratio Lower Upper
168 100
99 62.2 41.1 61.7#



#16
Acetone
Concen: 14.867 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.017 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

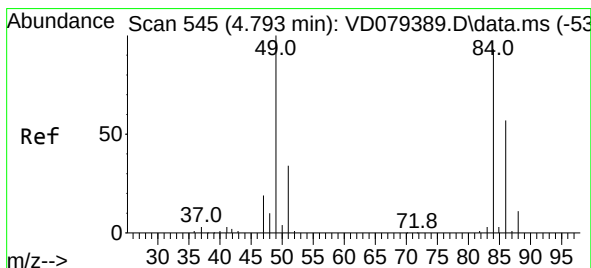
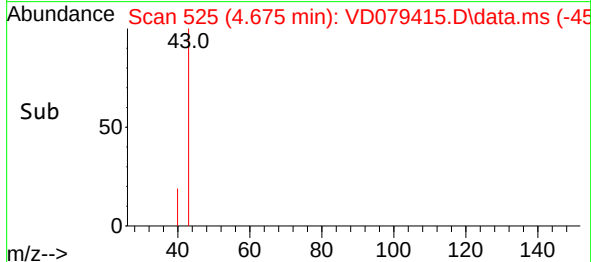
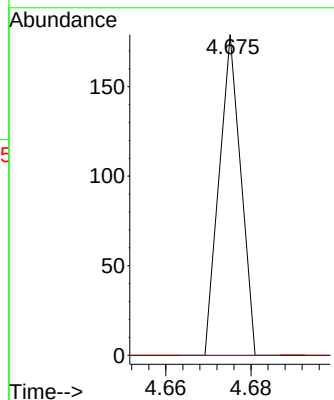
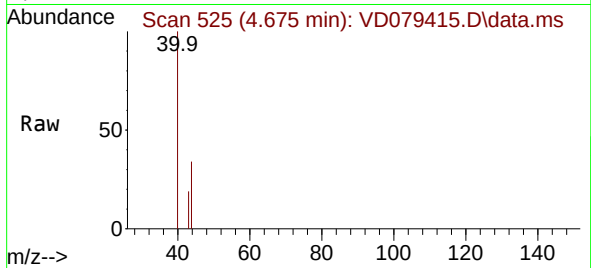




#18
Methyl Acetate
Concen: 1.118 ug/l
RT: 4.675 min Scan# 51
Delta R.T. 0.111 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

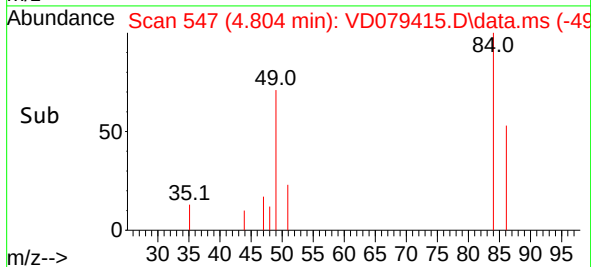
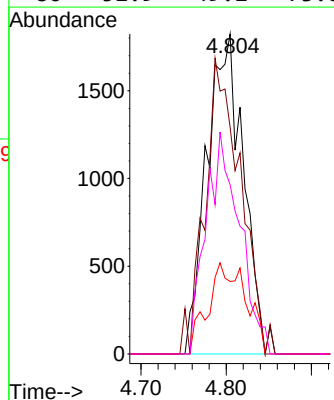
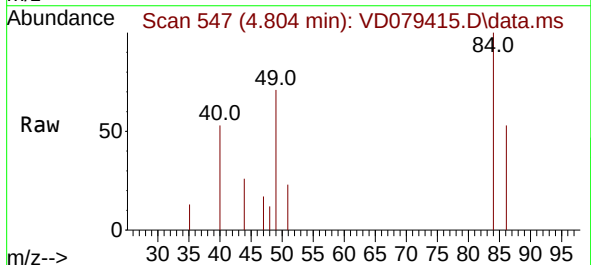
Instrument :
MSVOA_D
ClientSampleId :

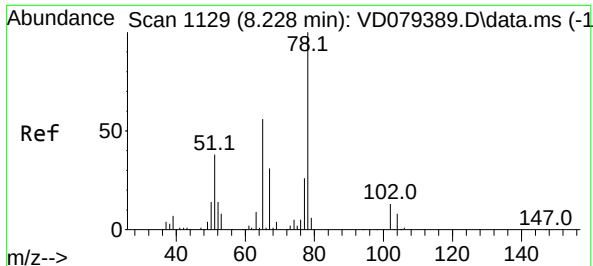
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 28.1 42.1#



#20
Methylene Chloride
Concen: 7.805 ug/l
RT: 4.804 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

Tgt Ion: 84 Resp: 5440
Ion Ratio Lower Upper
84 100
49 70.8 75.6 113.4#
51 22.6 24.2 36.2#
86 52.9 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 163.304 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079415.D

Acq: 26 Jul 2024 18:37

Instrument :

MSVOA_D

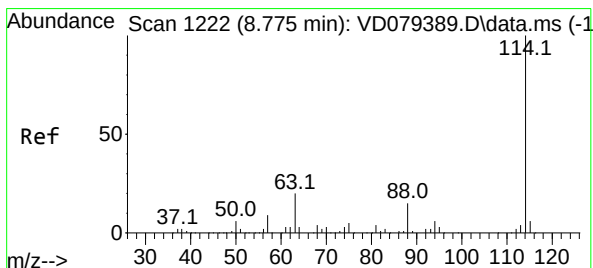
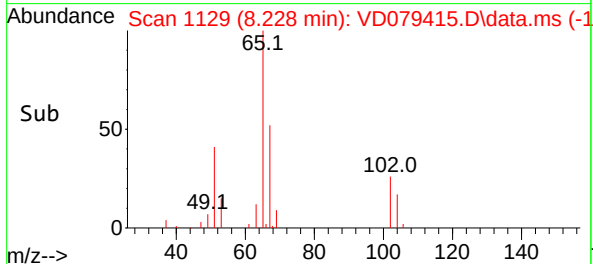
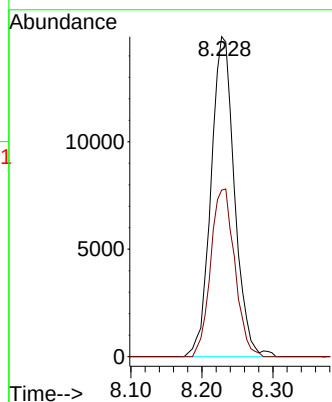
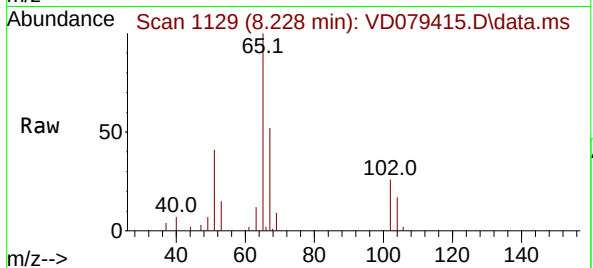
ClientSampleId :

Tgt Ion: 65 Resp: 34186

Ion Ratio Lower Upper

65 100

67 53.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079415.D

Acq: 26 Jul 2024 18:37

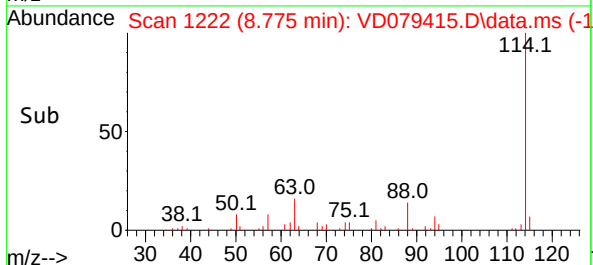
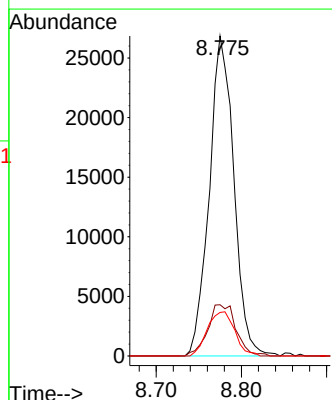
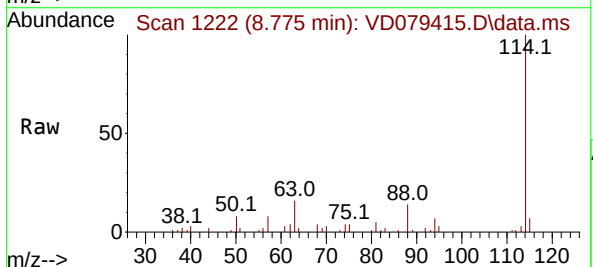
Tgt Ion: 114 Resp: 53827

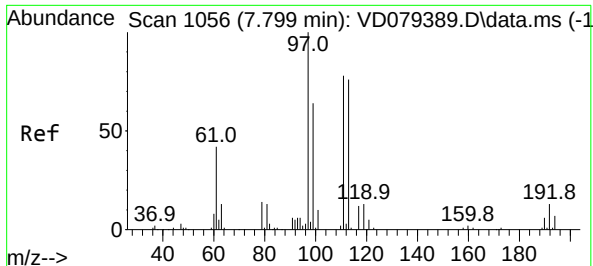
Ion Ratio Lower Upper

114 100

63 16.0 0.0 34.0

88 13.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 92.152 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

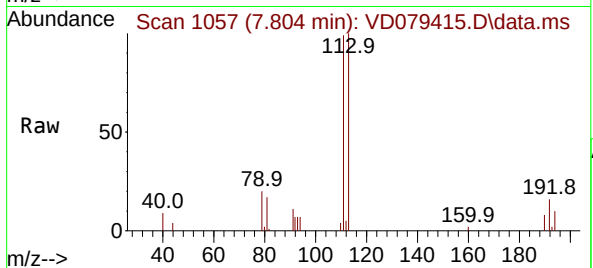
Lab File: VD079415.D

Acq: 26 Jul 2024 18:37

Instrument :

MSVOA_D

ClientSampleId :



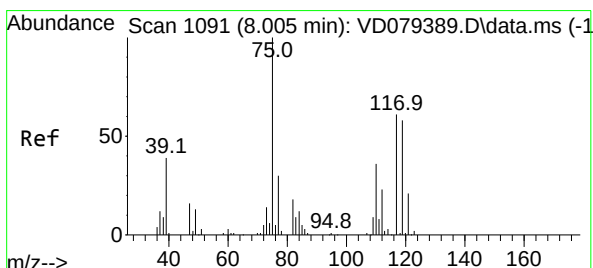
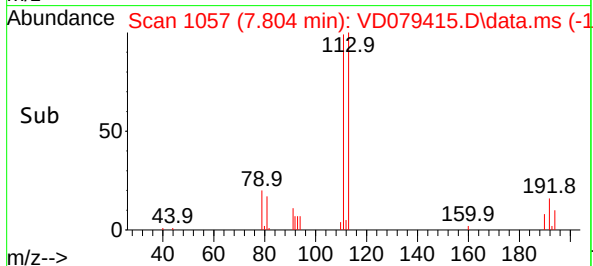
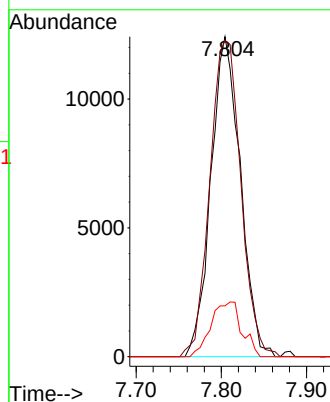
Tgt Ion:113 Resp: 29766

Ion Ratio Lower Upper

113 100

111 104.1 84.0 126.0

192 17.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 3.725 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD079415.D

Acq: 26 Jul 2024 18:37

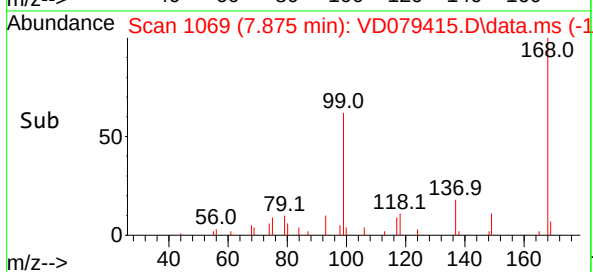
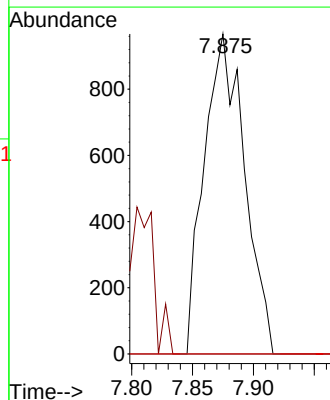
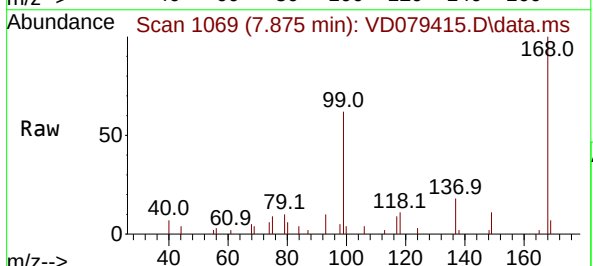
Tgt Ion: 75 Resp: 2229

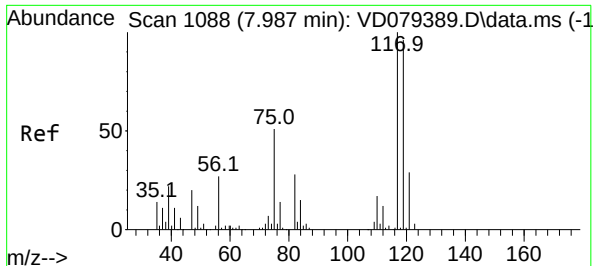
Ion Ratio Lower Upper

75 100

110 0.0 19.6 58.7#

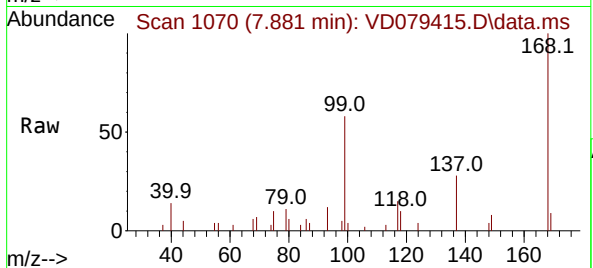
77 0.0 26.1 39.1#



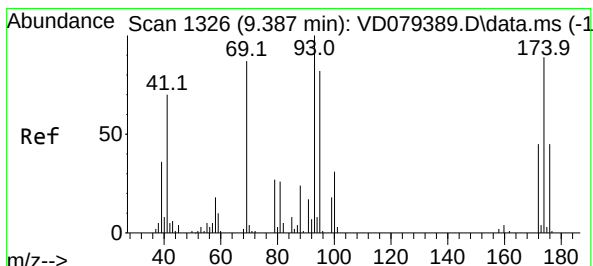
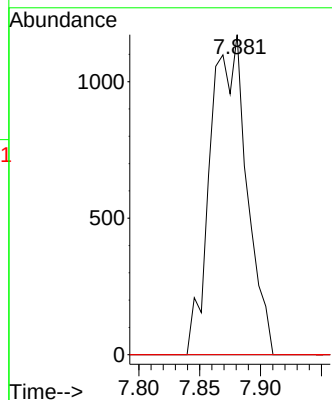
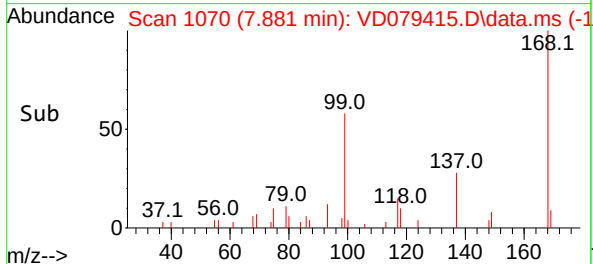


#38
Carbon Tetrachloride
Concen: 2.501 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

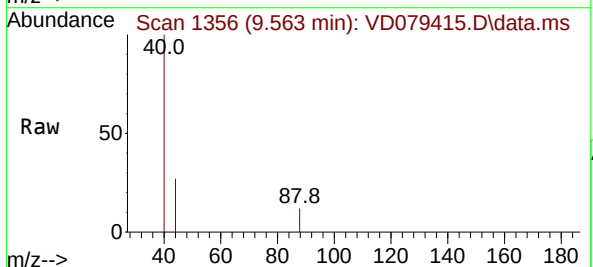
Instrument :
MSVOA_D
ClientSampleId :



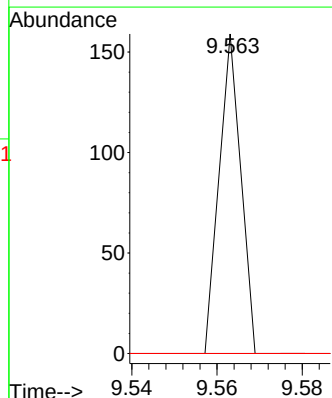
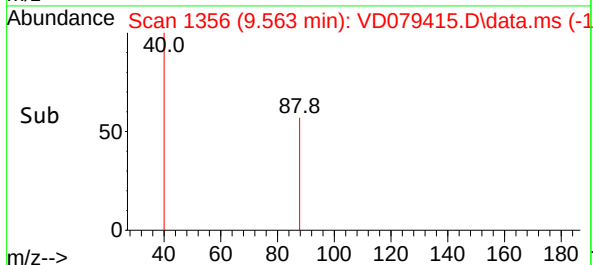
Tgt Ion:117 Resp: 2429
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#

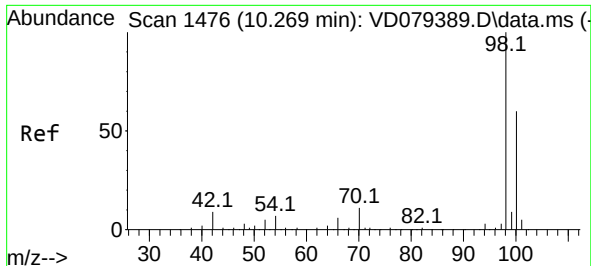


#49
1,4-Dioxane
Concen: 28.846 ug/l
RT: 9.563 min Scan# 1356
Delta R.T. 0.182 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37



Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 0.0 21.5 32.3#
58 0.0 42.2 63.4#

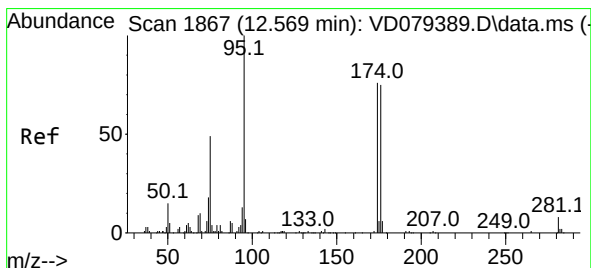
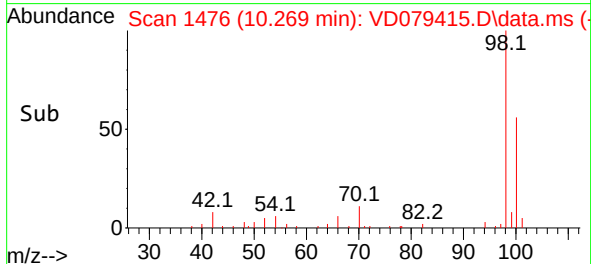
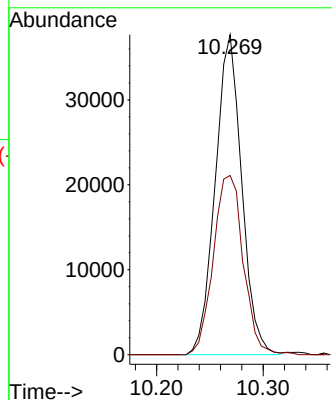
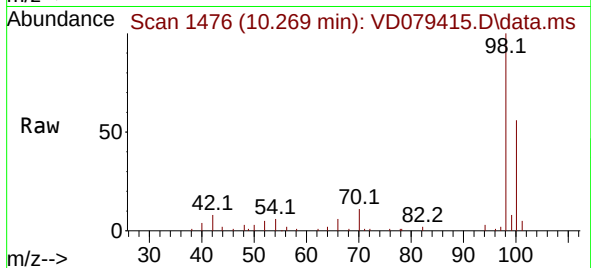




#50
Toluene-d8
Concen: 50.683 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

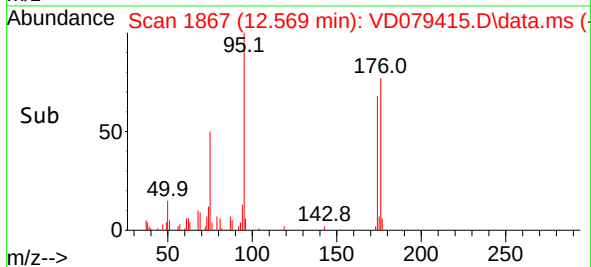
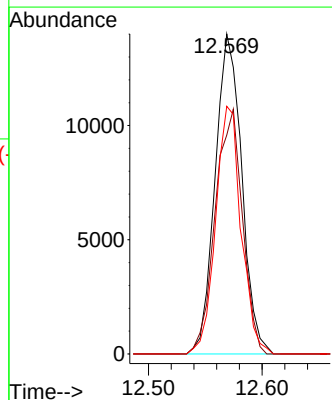
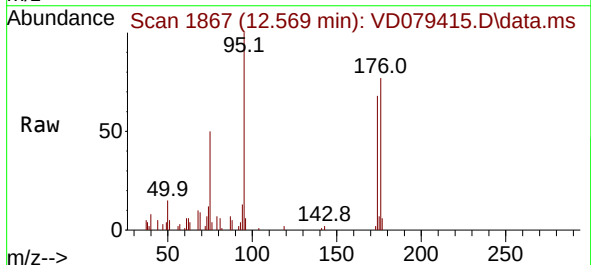
Instrument :
MSVOA_D
ClientSampleId :

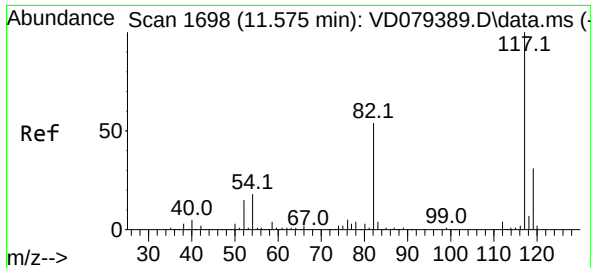
Tgt Ion: 98 Resp: 64997
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 56.705 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

Tgt Ion: 95 Resp: 22792
Ion Ratio Lower Upper
95 100
174 78.3 0.0 195.4
176 74.3 0.0 192.6

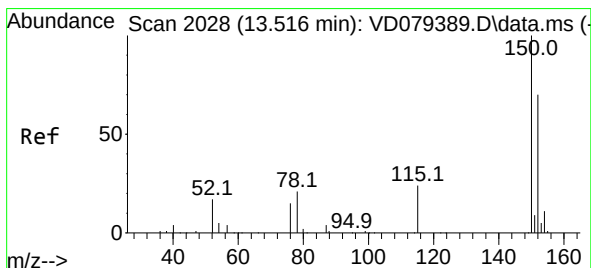
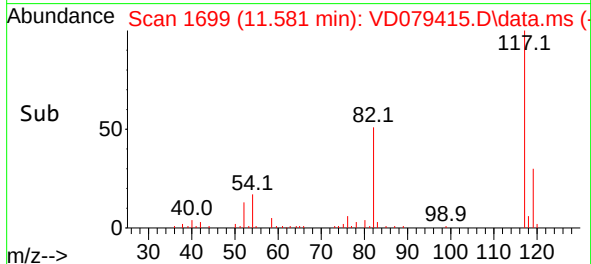
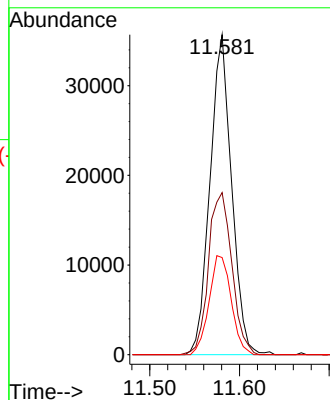
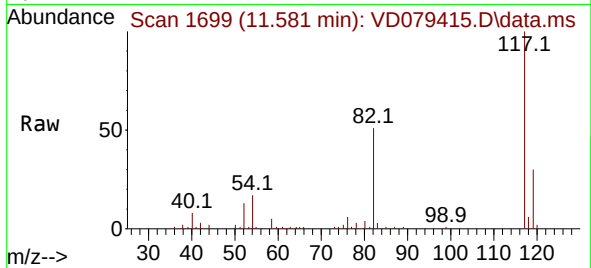




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

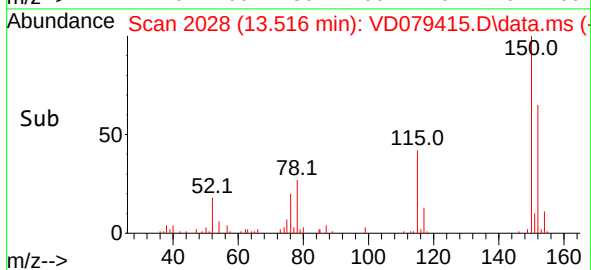
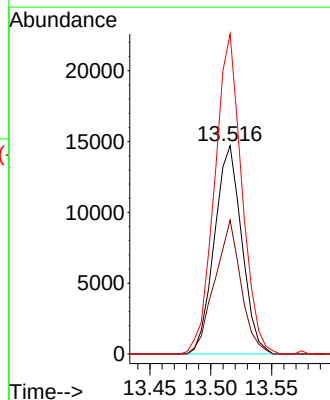
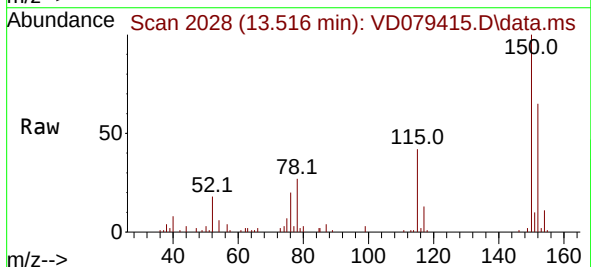
Instrument :
MSVOA_D
ClientSampleId :

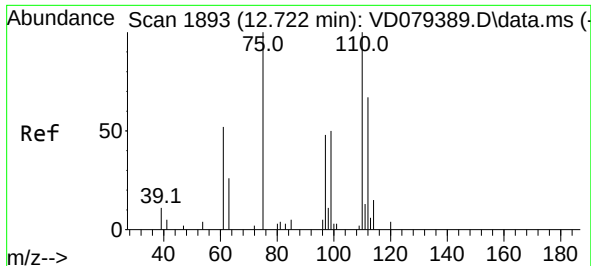
Tgt Ion:117 Resp: 59660
Ion Ratio Lower Upper
117 100
82 50.7 39.8 59.6
119 30.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

Tgt Ion:152 Resp: 22953
Ion Ratio Lower Upper
152 100
115 61.8 26.5 79.5
150 152.4 0.0 341.6

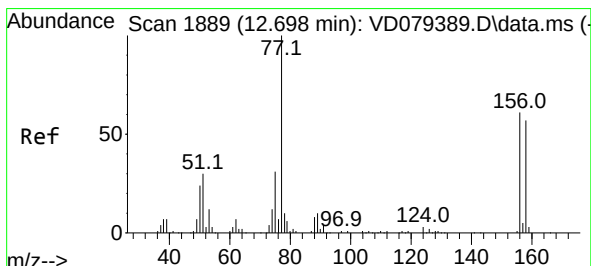
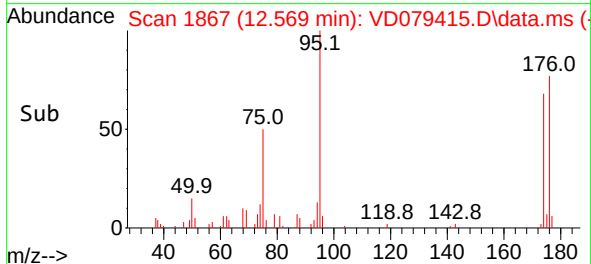
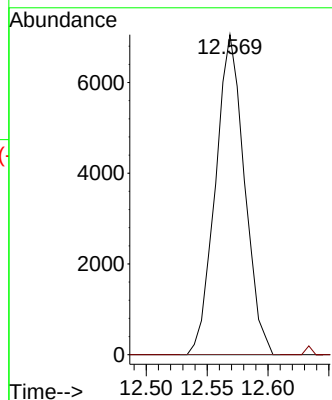
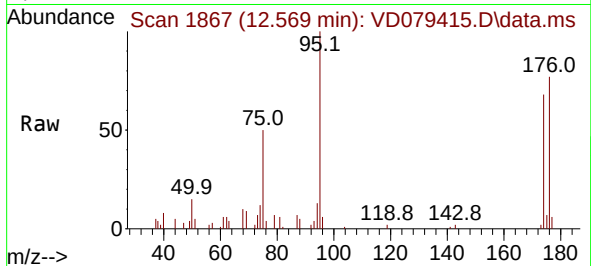




#76
1,2,3-Trichloropropane
Concen: 52.350 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

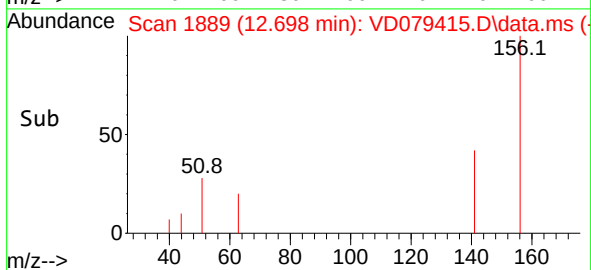
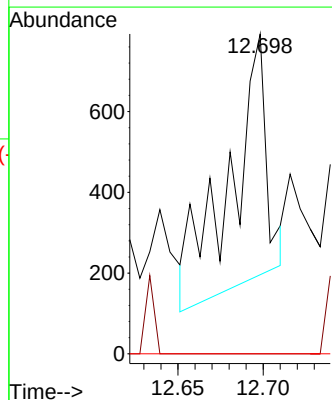
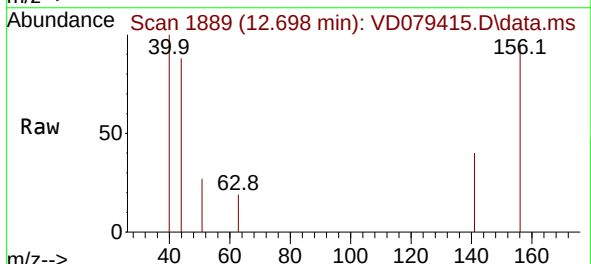
Instrument :
MSVOA_D
ClientSampleId :

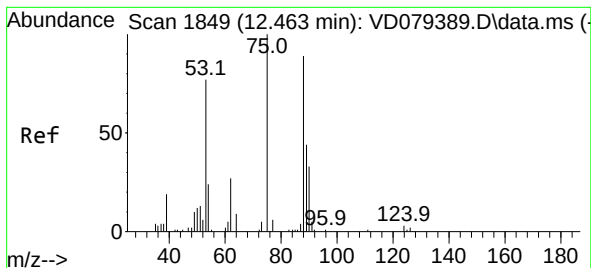
Tgt Ion: 75 Resp: 11697
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 1.989 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

Tgt Ion:156 Resp: 896
Ion Ratio Lower Upper
156 100
77 0.0 77.3 231.9#
158 0.0 49.6 149.0#

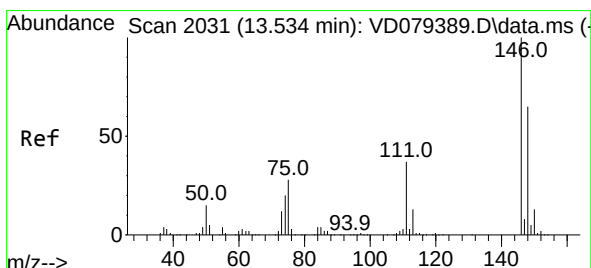
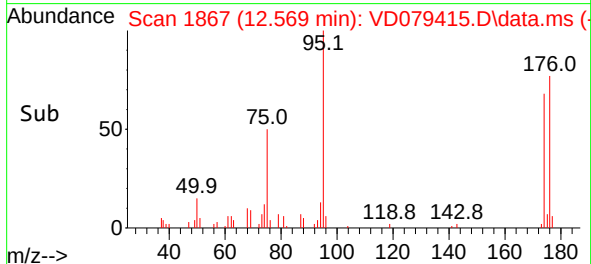
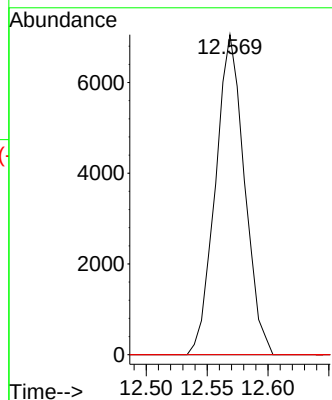
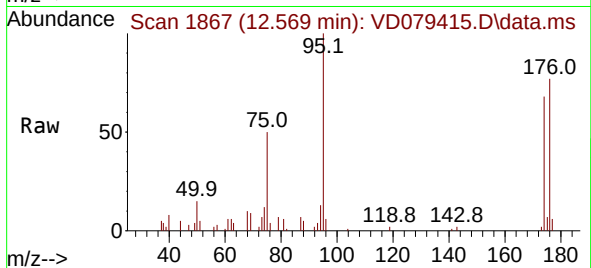




#81
trans-1,4-Dichloro-2-butene
Concen: 109.620 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

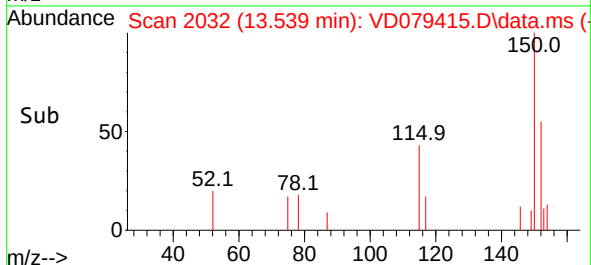
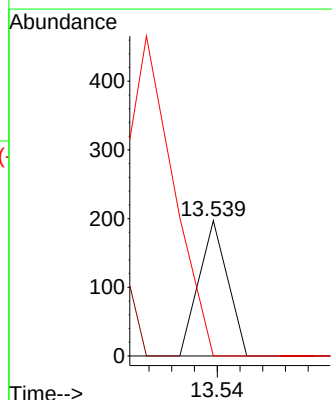
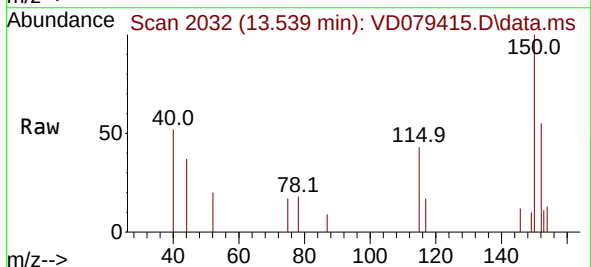
Instrument :
MSVOA_D
ClientSampleId :

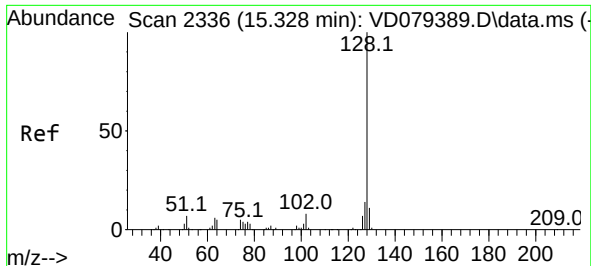
Tgt Ion: 75 Resp: 11697
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

Tgt Ion:146 Resp: 69
Ion Ratio Lower Upper
146 100
111 0.0 17.5 52.6#
148 505.8 31.4 94.2#

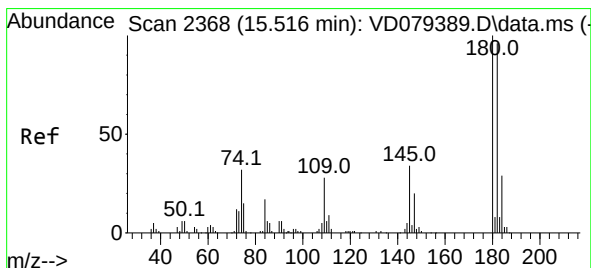
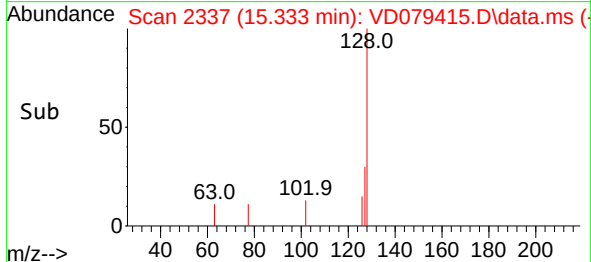
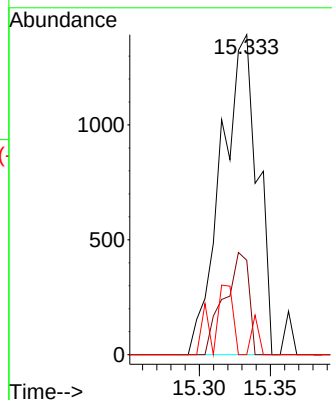
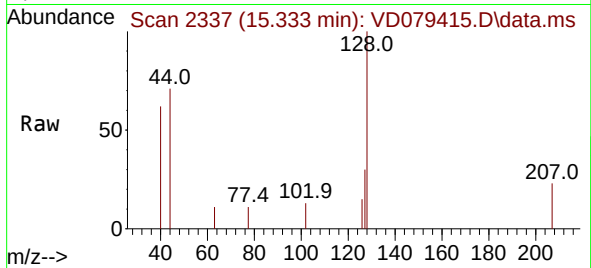




#95
Naphthalene
Concen: 5.602 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 2476
Ion Ratio Lower Upper
128 100
127 29.5 10.2 15.4#
129 0.0 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 1.188 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079415.D
Acq: 26 Jul 2024 18:37

Tgt Ion:180 Resp: 74
Ion Ratio Lower Upper
180 100
182 90.5 47.8 143.3
145 0.0 16.1 48.2#

